

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Original) A biological information trend display device for displaying a time series trend of biological information, comprising:

means for obtaining a plurality of biological information;

means for determining whether the obtained biological information is abnormal biological information or not; and

means for displaying time-series trend for each of the plurality of biological information, wherein the displaying means changes trend display style for biological information that is determined as the abnormal biological information.

2. (Original) A computer readable medium having stored thereon the computer program for a biological information trend display device that displays a time-series trend of biological information, wherein the program is implemented in a computer and capable of causing the computer to perform:

means for obtaining a plurality of biological information;

means for determining whether the obtained biological information is abnormal biological information or not; and

means for displaying time-series trend for each of the plurality of biological information, wherein the displaying means changes trend display style for biological information that is determined as the abnormal biological information.

3. (Original) A biological information trend display device for displaying a time-series trend of biological information, comprising:

means for obtaining a plurality of biological information and information regarding whether the biological information is abnormal biological information or not; and

means for displaying time-series trend for each of the plurality of biological information, wherein the displaying means changes trend display style for biological information that is determined as the abnormal biological information.

4. (Currently Amended) The device according to ~~claims 1, 2, or 3~~ claim 1, wherein the displaying means further displays biological information determined as the abnormal

biological information in association with information relating to the source of the biological information.

5. (Original) The device according to claim 4, wherein the displaying means further displays a source for obtaining biological information that is determined as the abnormal biological information, while not displaying a source for obtaining biological information that is not determined as the abnormal biological information.

6. (Currently Amended) The device according to ~~claims 4 or 5~~ claim 4, wherein the determination of the abnormal biological information comprises determination whether the biological information exceeds certain level or falls below certain level; and

the displaying means further displays a source for obtaining biological information at an upper portion of the time-series trend when the biological information exceeds certain level, and displays a source for obtaining biological information at a lower portion of the time-series trend when the biological information falls below certain level.

7. (Currently Amended) The device according to ~~one of~~  
~~claims 4-6~~ claim 4, when subsequent biological information  
of the determined abnormal biological information is not  
determined as the abnormal biological information, wherein  
the displaying means further displays the trend of the  
subsequent biological information in the original style, and  
maintains the indication of the information relating to the  
source of the biological information.

8. (Currently Amended) The device according to ~~one of~~  
~~claims 4-7~~ claim 4, wherein the displaying means further  
displays the information relating to the source for  
obtaining biological information and the source related  
information allows to discriminate the cases: a case in  
which current biological information is determined as the  
abnormal biological information, a case in which past and  
current biological information are determined as the  
abnormal biological information, and a case in which past  
biological information is determined as the abnormal  
biological information while current biological information  
is not determined as the abnormal biological information.

9. (Original) The device according to claim 8,  
wherein the device further comprises display area for

displaying the information relating to the source of biological information, wherein the display area includes an inner indication area and an outer indication area that surrounds the inner indication area, and

wherein the displaying means further displays at least the inner indication area in association with biological information that is determined as the abnormal biological information when current biological information is determined as the abnormal biological information, and displays at least the outer indication area in association with the biological information determined as the abnormal biological information when the biological information is determined as abnormal biological information in the past.

10. (Currently Amended) The device according to ~~one of claims 1-9~~ claim 1, wherein the displaying means further displays time-series trend of biological information with information relating to the source of the biological information.

11. (Currently Amended) The device according to ~~one of claims 1-10~~ claim 1, wherein the displaying means displays different biological information in the same trend display style, which are derived from different sources for

the biological information that is not determined as the abnormal biological information.

12. (Currently Amended) The device according to ~~one of claims 1-11~~ claim 1, wherein the changing trend display style comprises changing the trend display color.

13. (Original) The device according to claim 12, wherein the displaying means further conforms the trend display color of biological information that is determined as the abnormal biological information to display color of information relating to the source of the biological information.

14. (Currently Amended) The device according to ~~one of claims 1-13~~ claim 1, wherein the biological information comprises information that shows different behaviors depending on the sources.

15. (Original) The device according to claim 14, wherein the biological information comprises information related to ST level of an electrocardiogram, and the source-related information comprises information relating to electrocardiogram lead.

16. (Original) A biological information trend displayed object representing time-series trend of the biological information, wherein the biological information trend displayed object represents time-series trend for each of a plurality of biological information, and trend display style for the determined abnormal biological information is changed.

17. (Original) A data display device for obtaining different types of data in time-series as indicator and displaying each of the obtained data in a graph form, wherein the data display device sets display area for indicating data type, and is to execute the procedures of:

determining whether content represented based on the obtained data is matter to be informed or not;

displaying the data determined as the matter to be informed in a graph form by using different graph display style from that of data not determined as the matter to be informed; and

conforming all or a part of display style for indicating the data type to all or a part of the graph display style of the data.

18. (Original) A biological information trend display device for displaying a time-series trend of biological information, a central processing unit (CPU) of the biological information trend display device is to execute the procedures of:

obtaining a plurality of biological information;

determining whether the obtained biological information is abnormal biological information or not; and

instructing to display time-series trend for each of the plurality of biological information and to change trend display style for biological information that is determined as the abnormal biological information.

19. (Original) A biological information trend display device for displaying a time-series trend of biological information, a central processing unit (CPU) of the biological information trend display device is to execute the procedures of:

obtaining a plurality of biological information and information regarding whether the biological information is abnormal biological information or not; and

instructing to display time-series trend for each of the plurality of biological information and to change trend



display style for biological information that is determined as the abnormal biological information.

20. (Original) A data display device for obtaining different types of data in time-series as indicator and displaying each of the obtained data in a graph form, wherein the data display device sets display area for indicating data type, and a central processing unit (CPU) of the data display device is to execute the procedures of:

determining whether content represented based on obtained data is matter to be informed or not;

instructing to display the data that is determined as the matter to be informed in a graph form by using different graph display style from that of data that is not determined as the matter to be informed; and

instructing to conform all or a part of display style for indicating the data type to all or a part of the graph display style of the data.

21. (Original) A method for displaying a time-series trend of biological information comprising the steps of:

obtaining biological information;

determining whether the obtained biological information is abnormal biological information or not; and

displaying time-series trend for each of a plurality of biological information, wherein the trend display style for biological information that is determined as the abnormal biological information is changed.